AMENDMENTS TO THE CLAIMS

The following listing of claims will replace all prior versions and listings of claims in the application.

LISTING OF CLAIMS

- 1. (currently amended) A fuel cell comprising:
- a hydrogen flow path configured to pass hydrogen into communication with an anode catalyst of an MEA;
- a coolant flow path configured to pass coolant through the fuel cell to cool the fuel cell, the coolant flow path comprising a coolant reservoir;
 - a first enclosure encompassing at least a part of the coolant flow path;
- a first passive hydrogen vent configured to vent hydrogen from the first enclosure without reliance upon any electrical device <u>or other active components to function</u> and configured to maintain the hydrogen concentration within the first enclosure below about 4 percent;
 - a second enclosure encompassing at least a part of the hydrogen flow path; and a second hydrogen vent configured to vent hydrogen from the second enclosure.
- 2. (previously presented) A fuel cell according to Claim 1, wherein the second enclosure surrounds a member selected from the group consisting of a fuel cell stack through which the hydrogen flow path and the coolant flow path pass and a hydrogen supply reservoir of the hydrogen flow path.

- 3. (previously presented) A fuel cell according to Claim 1, wherein the first passive hydrogen vent and the second hydrogen vent comprise a porous material selected from the group consisting of cellulose, plastic and metal.
- 4. (previously presented) A fuel cell according to Claim 1, wherein the first enclosure comprises the coolant reservoir and the first passive hydrogen vent is located within a wall of the coolant reservoir.
- 5. (previously presented) A fuel cell according to Claim 4, wherein the first passive hydrogen vent is further configured to substantially prevent the coolant from passing through the vent.
 - 6. (cancelled)
- 7. (previously presented) A fuel cell according to Claim 1, wherein the first passive hydrogen vent and the second hydrogen vent are configured to maintain a hydrogen concentration within the enclosure below about 1 percent without reliance upon any electrical device.
 - 8. (cancelled)

- 9. (previously presented) A fuel cell according to Claim 1, further comprising a third enclosure that encompasses at least one of the first enclosure and the second enclosure, the third enclosure having a third hydrogen vent.
- 10. (previously presented) A fuel cell according to Claim 1, wherein the first passive hydrogen vent and the second hydrogen vent are further configured to prevent a flame front from passing through the vent.

11. (currently amended) A method of manufacturing an MEA fuel cell, comprising: creating a hydrogen fuel flow path to conduct hydrogen through the MEA fuel cell;

creating a coolant flow path configured to pass coolant through the fuel cell to cool the fuel cell, the coolant flow path comprising a coolant reservoir;

enclosing at least a part of the coolant flow path in a first enclosure;

providing a first passive hydrogen vent in the first enclosure, the first passive hydrogen vent configured to passively maintain the level of hydrogen which leaks into the first enclosure below a concentration level of about 4 percent without reliance upon any electrical device or other active components to function;

enclosing at least a part of the hydrogen fuel flow path in a second enclosure which captures hydrogen that leaks, directly or indirectly, from the hydrogen fuel flow path; and providing a second hydrogen vent in the second enclosure, the second hydrogen vent configured to maintain the level of hydrogen which leaks into the second enclosure below a concentration level of about 4 percent.

12. (previously presented) A method of manufacturing a fuel cell according to Claim 11, wherein the first enclosure comprises the coolant reservoir and the first passive hydrogen vent is located within a wall of the coolant reservoir.

13. (previously presented) A method of manufacturing a fuel cell according to Claim 12, wherein the first passive hydrogen vent passively maintains the level of hydrogen by comprising a porous material capable of passing hydrogen therethrough and capable of substantially preventing the coolant from passing therethrough.

14. (cancelled)

15. (original) A method of manufacturing a fuel cell according to Claim 12, wherein passively maintaining the level of hydrogen further comprises passively maintaining the level of hydrogen which leaks into the enclosure below a concentration level of about 1 percent.

16. (cancelled)

- 17. (previously presented) A method of manufacturing a fuel cell according to Claim 11, wherein passively maintaining the level of hydrogen further comprises selecting a porous material capable of passing hydrogen therethrough and capable of substantially preventing a flame front from passing therethrough.
- 18. (original) A method of manufacturing a fuel cell according to Claim 17, wherein selecting a porous material further comprises selecting a porous material selected from the group consisting of cellulose, plastic and metal.

19. (cancelled)

20. (previously presented) A method of manufacturing a fuel cell according to Claim 11, further comprising a third enclosure that encompasses at least one of the first enclosure and the second enclosure, the third enclosure having a third hydrogen vent.